RUDRAPRASAD CONSULTANTS

NAME OF WORK: Package-3, includes 4 works of Rs.200.00 Lakhs

1. ***Improvements to roads and drains of Chiranjeevi layout extension and surrounding areas in ward No.07, Byatarayanapura***
2. ***Improvements to roads and drains of Mariyannapalya and surrounding areas in ward No.07, Byatarayanapura***
3. ***Improvements to roads and drains of Gopalappa Layout and chinnappa Layout in ward No.07, Byatarayanapura***
4. ***Improvements to roads and drains of Hotteppa Layout, Khasinagara and surrounding areas in ward No.07, Byatarayanapura***

SECOND & FINAL BILL ABSTRACT

SUBMITTED TO B.B.M.P.
BANGALORE

#3, 7th Main Malleswaram, Bangalore – 560003
Telefax: 9180 23444801, Mobile: 91 9972924526 Web: www.arkstructure.com e-mail: rechan6630@yahoo.co.in

BRUHAT BANGALORE MAHANAGARA PALIKE

PACKAGE-3

NAME OF WORK:-Package-3, includes 4 works of Rs.200.00 Lakhs 1)Improvements to roads and drains of chiranjeevi layout extension and surrounding areas in ward No.07, Byatarayanapura 2)Improvements to roads and drains of Mariyannapalya and surrounding areas in ward No.07, Byatarayanapura 3)mprovements to roads and drains of Gopalappa Layout and chinnappa Layout in ward No.07, Byatarayanapura 4Improvements to roads and drains of Hotteppa Layout, Khasinagara and surrounding areas in ward No.07, Byatarayanapura

Agency:Sri D Narahari Benaka Developers & Project Pvt. Ltd, #34, 2nd Floor 2nd cross, Sampige road, Malleswaram bangalore-560003.

Measurements Taken On :

ABSTRACT - 2nd and Final Bill

BOQ Item No	Description	Unit	Quantity	Approved Tender Rates	Amount	Remarks
Item No. 1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications and the directions of Engineer in-charge					
	Total Executed Qty	Cum	3624.41			
	Tender Qty	Cum	3120.46			
	Modified Tender Qty	Cum	3641.13			
	DPQ Paid in 1st Bill No.One Pg. No.	Cum	919.20			
	Present Bill Quantity	Cum	2705.21	104.30	282153.51	
Item No. 2	Removing and refixing stone slabs of drains and pointing and the directions of Engineer in-charge				400	
	Total Executed Qty	Sqm	5549.24			
	Tender Qty	Sqm	6634.89			
	Modified Tender Qty	Sqm	5549.24			
	DPQ Paid in 1st Bill No.One Pg. No.	Sqm	1153.58			
	Present Bill Quantity	Sqm	4395.66	90.23	396620.40	
Item No. 3	Providing granite slabs of selected quality roughly dressed and fixed in cementer mortar (1:6) including fixing curing etc., complete.as per specification and the directions of Engineer in-charge					
	Total Executed Qty	Sqm	1996.61			
	Tender Qty	Sqm	2646.06			
	Modified Tender Qty	Sqm	1996.61			
	DPQ Paid in 1st Bill No.One Pg. No.	Sqm	385.62			
	Present Bill Quantity	Sqm	1610.99	745.56	1201085.98	
Item No. 4	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification and the directions of Engineer in-charge				1201089.70	
	Total Executed Qty	Cum	118.07			
	Tender Qty	Cum	157.08			
	Modified Tender Qty	Cum	118.69			
	DPQ Paid in 1st Bill No.One Pg. No.	Cum	5.52			
	Present Bill Quantity	Cum	112.55	5416.97	609677.27	

609679.97

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE

PMC

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P

Measurements Taken On :

ABSTRACT - 2nd and Final Bill

BOQ Item No	Description	Unit	Quantity	Approved Tender Rates	Amount	Remarks
Item No. 5	Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms hign, bond stones at two m apart in each course including cost of materials, labour, curing etc.. complete as per specificationsand the directions of Engineer in-charge					
	Total Executed Qty	Cum	76.17			
	Tender Qty	Cum	78.57			
	Modified Tender Qty	Cum	78.03			
	DPQ Paid in 1st Bill No.One Pg. No.	Cum	20.52			
	Present Bill Quantity	Cum	55.65	4970.81	276610.66	
Item No.14	Providing ruled pointing of course stone msonry with cement mortar 1:3 20 mm deep, after raking joints to depth of 20 mm nicley lining, including cost of materials, labour, curing etc., complete as per specifications and directions of the engineer-in-charge.				276625.57	
	Total Executed Qty	Sqm	157.86			
	Tender Qty	Sqm	108.00			
	Modified Tender Qty	Sqm	162.00			
	DPQ Paid in 1st Bill No.One Pg. No.	Sqm	-			
	Qty upto 125%	Sqm	135.00	41.55	5609.25	
	Qty above 125%	Sqm	22.86	41.55	949.88	
Item No. 6	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials. labour HOM of machinery curing complete as per specificationsand the directions of Engineer in-charge				183	
	Total Executed Qty	Cum	15.79			
	Tender Qty	Cum	16.50			
	Modified Tender Qty	Cum	14.70			
	DPQ Paid in 1st Bill No.One Pg. No.	Cum	3.42			
	Present Bill Quantity	Cum	11.28	6055.83	68309.76	
E1	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification (Data Rate)					
	Total Executed Qty	Sqm	163.08			
	EIRL Qty	Sqm	163.08			
	DPQ Paid in 1st Bill No.One Pg. No.	Sqm	-			
	Present Bill Quantity	Sqm	163.08	5111.00	833501.88	

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

AssistantEngineer

Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P.

Assistant Executive Engineer

Measurements Taken On :						
ABSTRACT - 2nd and Final Bill						
BOQ Item No	**Description**	**Unit**	**Quantity**	**Approved Tender Rates**	**Amount**	**Remarks**
Item No.12	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.					
	Total Executed Qty	**Tonne**	2.26			
	Tender Qty	**Tonne**	17.70			
	Modified Tender Qty	**Tonne**	2.26			
	DPQ Paid in 1st Bill No.One Pg. No.	**Tonne**	-			
	Present Bill Quantity	**Tonne**	2.26	70667.76	159709.14	
Item No.13	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.					
	Total Executed Qty	**Sqm**	364.68			
	Tender Qty	**Sqm**	646.20			
	Modified Tender Qty	**Sqm**	364.68			
	DPQ Paid in 1st Bill No.One Pg. No.	**Sqm**	-			
	Present Bill Quantity	**Sqm**	364.68	434.52	158460.75	
Item No. 17	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications.					
	Total Executed Qty	**Cum**	41.03			
	Tender Qty	**Cum**	32.18			
	Modified Tender Qty	**Cum**	41.03			
	DPQ Paid in 1st Bill No.One Pg. No.	**Cum**	-		269148.35	
	Qty upto 125%	**Cum**	40.23	6690.24	269114.90	
	Qty above 125%	**Cum**	0.80	7136.26	5719.71	
E2	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)				8702.08	
	Total Executed Qty	**Sqm**	157.05			
	EIRL Qty	**Sqm**	157.50			
	DPQ Paid in 1st Bill No.One Pg. No.	**Sqm**	0.00			
	Present Bill Quantity	**Sqm**	157.05	1836.00	288343.80	

BENAKA DEVELOPERS AND PROJECTS BANGALORE Benaka
Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Ashok M.N.D.
AssistantEngineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.
Assistant Executive Engineer

Measurements Taken On :						
ABSTRACT - 2nd and Final Bill						
BOQ Item No	**Description**	**Unit**	**Quantity**	**Approved Tender Rates**	**Amount**	**Remarks**
Item No.7	Providing laying, spreading and compacting graded fine aggregate to wet mix macadam specificationns including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surfce and compating with vibratory roller to achieve the desired density complete as per specifications and the directions of Engineer in-charge					
	Total Executed Qty	**Cum**	1470.69			
	Tender Qty	**Cum**	965.43			
	Modified Tender Qty	**Cum**	1470.69			
	DPQ Paid in 1st Bill No.One Pg. No.	**Cum**	222.04			
	Qty upto 125%	**Cum**	984.75	1856.48	1828168.68	
	Qty Above 125%	**Cum**	263.90	1980.00	522522.00	
Item No.8	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and or/ compressed air to receive bituminous treatment including cost of all materails, labour, HQM Machineries complete as per specifications and the directions of Engineer in-charge					
	Total Executed Qty	**Sqm**	27133.89			
	Tender Qty	**Sqm**	24246.50			
	Modified Tender Qty	**Sqm**	27133.89			
	DPQ Paid in 1st Bill No.One Pg. No.	**Sqm**	10336.70			
	Present Bill Quantity	**Sqm**	16797.19	3.56	59798.00	
Item No.9	Providing and applying tack coat with80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials , labour HOM Machineries complete as per specifications and the directions of Engineer in-charge					
	Total Executed Qty	**Sqm**	27676.09			
	Tender Qty	**Sqm**	27174.50			
	Modified Tender Qty	**Sqm**	27676.09			
	DPQ Paid in 1st Bill No.One Pg. No.	**Sqm**	10336.70		.43	
	Present Bill Quantity	**Sqm**	17339.39	13.06	226452.48	
Item No.10	Providing and laying bituminous concrete40MM thick with hotmix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filleeer, transporting of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with paver finisher to the required gradde, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to acheive the desired compaction as per MORTH specifications and the directions of Engineer in-charge					
	Total Executed Qty	**Cum**	1107.04			
	Tender Qty	**Cum**	1086.98			

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE
Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC
Assistant Engineer

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.
Assistant Executive Engineer

Measurements Taken On :						
ABSTRACT - 2nd and Final Bill						
BOQ Item No	Description	Unit	Quantity	Approved Tender Rates	Amount	Remarks
	Modified Tender Qty	Cum	1107.04			
	DPQ Paid in 1st Bill No.One Pg. No.	Cum	413.47			
	Present Bill Quantity	Cum	693.58	8223.37	5703530.02	
Item No.11	Providing and laying of hot applied thermoplastic compund 2.5mm thick including reflectorising glass beads at 250 gms per sqm area thickness of 2.5mm is exclusive of surface applied galss beads as per thickness of 2.5mm is exclusive of surface, applied glass beadsa s perIRC35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. and the directions of Engineer in-charge				5703564.98	
	Total Executed Qty	Sqm	953.71			
	Tender Qty	Sqm	1087.80			
	Modified Tender Qty	Sqm	953.71			
	DPQ Paid in 1st Bill No.One Pg. No.	Sqm	251.85			
	Present Bill Quantity	Sqm	701.86	607.85	426625.60	

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Contractor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P.

Measurements Taken On :						
ABSTRACT - 2nd and Final Bill						
BOQ Item No	**Description**	**Unit**	**Quantity**	**Approved Tender Rates**	**Amount**	**Remarks**
Item No. 15	Cement concrete pavement. Construction of un-reinfirced plain cement concrete pavement, thickness as per deisgn, over a prepraed sub base with OPC cement or any other type as per clause 1051..2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregates .with superplastiser @ 3lts confirming to IS9103-1999 REAFFIRMED-2008, Mixed in a concrete mixer of not less than 0.6 cum capacity and approximate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates inlcuding levelling the form work as per drawing) and spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continous operation including, provision of contraction, expansion, construction operation including longitudinal joints, including groove cutting charges joint filler, sparation menebrane, sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specfication					
	Total Executed Qty	Cum	52.50			
	Tender Qty	Cum	104.00			
	Modified Tender Qty	Cum	52.50			
	DPQ Paid in 1st Bill No.One Pg. No.	Cum	-			
	Present Bill Quantity	Cum	52.50	5784.26	303673.65	
Item No. 16	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cst of generator, HOM of machinery screed vibaratory, power floater, blade and disc etc., with all leads and lift.					
	Total Executed Qty	Sqm	525.00			
	Tender Qty	Sqm	1040.00			
	Modified Tender Qty	Sqm	525.00			
	DPQ Paid in 1st Bill No.One Pg. No.	Sqm	-			
	Present Bill Quantity	Sqm	525.00	106.85	56096.25	
Item No.18	Loading and unloading of stone boulder/stone aggregates/sand/kaner/moorum. placing tipper at loading point loading with front end loading. dumping turing for return trip, excluding time for haulage and return and trip complete as per specificationand as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Cum	3624.41			
	Tender Qty	Cum	3120.46			
	Modified Tender Qty	Cum	3641.13			
	DPQ Paid in 1st Bill No.One Pg. No.	Cum	919.20			
	Present Bill Quantity	Cum	2705.21	118.72	321162.65	
				TOTAL AMOUNT	14010472.86	

14003975

Contractor

PMC

AssistantEngineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.